

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for fabricating a hologram diffuser which comprises:

providing a substrate;

forming a resin layer on the substrate;

forming a hologram pattern in the resin layer to uniformly diffuse light in all orientations by pressing an original hologram pattern into the resin layer; and

forming a smoothing film on the patterned resin layer, wherein the smoothing layer smoothes a surface of the hologram pattern and activates light beam diffusion at the hologram pattern; and

forming color filters or thin film transistors at an upper portion of the smoothing layer.

2. (Canceled)

3. (Previously Presented) The method of claim 1, wherein forming the hologram pattern includes:

locating an original hologram plate at an upper portion of the resin layer;
hardening the resin; and
removing the original hologram plate.

4. (Original) The method of claim 3, wherein the resin layer is made from a thermal hardening resin, and further including the step of curing the resin layer by applying heat.

5. (Original) The method according to claim 3, wherein the resin layer is made from an ultraviolet hardening resin, and further including the step of curing the resin layer by applying ultraviolet light.

6. (Original) The method of claim 1, wherein the resin layer has a thickness of 0.5 to 10 μ m.

7. (Original) The method of claim 1, wherein the resin layer is formed using spin coating, knife coating or extrusion coating.

8. (Original) The method of claim 1, wherein the smoothing layer has a thickness of 0.1 to 5 μ m.

9. (Original) The method of claim 1, wherein the smoothing layer has a refractive index difference of greater than 0.1 compared to the refractive index of the resin layer.

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10 - 22. (Cancelled).